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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page

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of

2

Complete if Known

Application Number

10/081,129

Filing Date

February 21, 2002

First Named Inventor

Graham, Jamey

Art Unit

2176

Examiner Name

Unassigned

Attorney Docket Number

015358-006600US

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date Considered

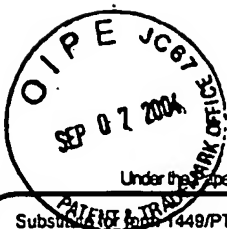
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
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		First Named Inventor	Graham, Jamey		
		Art Unit	2176		
		Examiner Name	Unassigned		
Page	2	of	2	Attorney Docket Number	015358-006600US

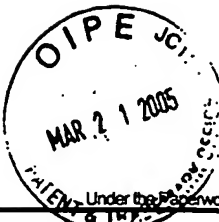
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<i>mm</i>	AA	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).	

Examiner Signature	<i>mm</i>	Date Considered	11/17/05
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First Named Inventor	Graham, Jamey
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Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>[initials]</i>	AA	US-6,684,368		01-27-2004	Hull et al.	
<i>[initials]</i>	AB	US-6,623,528		09-23-2003	Squilla et al.	
<i>[initials]</i>	AC	US-6,596,031		07-22-2003	Parks	
<i>[initials]</i>	AD	US-6,546,385		04-08-2003	Mao et al.	
<i>[initials]</i>	AE	US-6,125,229		09-26-2000	Dimitrova et al.	
<i>[initials]</i>	AF	US-6,098,082		08-01-2000	Gibbon et al.	
<i>[initials]</i>	AG	US-5,894,333		04-13-1999	Kanda et al.	
<i>[initials]</i>	AH	US-5,790,114		08-04-1998	Geaghan et al.	
<i>[initials]</i>	AI	US-5,758,037		05-26-1998	Schroeder	
<i>[initials]</i>	AJ	US-5,706,097		01-06-1998	Schelling et al.	
<i>[initials]</i>	AK	US-5,258,880		11-02-1993	Takahashi	
<i>[initials]</i>	AL	US-2004/0175036		09-09-2004	Graham	
<i>[initials]</i>	AM	US-2004/0103372		05-27-2004	Graham	
<i>[initials]</i>	AN	US-2004/0098671		05-20-2004	Graham et al.	
<i>[initials]</i>	AO	US-2004/0095376		05-20-2004	Graham et al.	
<i>[initials]</i>	AP	US-2003/0184598		10-02-2003	Graham	
<i>[initials]</i>	AQ	US-2002/0047870		04-25-2002	Carro	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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<i>[initials]</i>	AU	JP	04-021165	A	01-24-1992			abst. only
<i>[initials]</i>	AV	JP	2004-199696	A	07-15-2004			abst. only
<i>[initials]</i>	AW	JP	2004-023787	A	01-22-2004			abst. only

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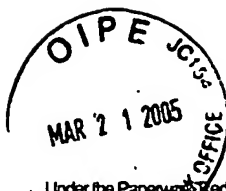
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		Filing Date	February 21, 2002		
		First Named Inventor	Graham, Jamey		
		Art Unit	2176		
		Examiner Name	Unassigned		
Page	2	of	2	Attorney Docket Number	015358-006600US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AX	"Fujitsu Markets Facsimile Connection System for Computer I/O," <u>Comline Telecommunications</u> , November 1989, page 5.	
	AY	GRUNIN, L., "Action," <u>PC Magazine</u> , 12(15):240 (1993).	
	AZ	"Hang on--Blue Sky's WinHelp is on the way," <u>PC Week</u> , page 59, July 1995.	
	BA	"IBM, Partners Team On Web-Based Image Search, Printing 9/29/95," <u>Newsbytes News Network</u> , September 1995.	
	BB	IDENTITECH, "Identitech announces FYI 2.5.2 release with NT object server, SmartForm, and ODBC," <u>Business Editors</u> , July 1996.	
	BC	"IDENTITECH UNYSIS: Unysis wins Florida Housing Finance Agency Contract; Identitech provides workflow software solution," <u>Business Editors/Computer Writers</u> , June 1995.	
	BD	LISON et al., "Sight and Sound," <u>Unix Review</u> , 7(10):76-86 (1989).	
	BE	OKADA et al., "Development of Application Programs for Distributed Processing Equipment," <u>Review of the Electrical Communication Laboratories</u> , 34(4):465-471 (1986).	
	BF	"SPRY INC.'S INTERNET FRONT END PICKED FOR PSI CABLE INTERNET SERVICE," <u>Information & Interactive Services Report</u> , 15(7), (1994).	
	BG	STRATTNER, A., "HP pioneers I-TV peripheral market," <u>Computer Shopper</u> , 14(2):71 (1994).	
	BH	VAN HORN-CHRISTOPHER, "Have you talked to your computer today?," <u>Business Forum</u> , 19(3):10-11 (1994).	
	BI	"VNR firm offers Storyboards" PR News, 12/4/95, downloaded from http://proquest.umi.com/pqdlink?index=20&did=000000010830394&SrchMode=3&sid=1&F on 8/9/04.	
	BJ	"WC3 issues first public draft of Synchronized Multimedia Integration Language (SMIL)," <u>Information Today</u> , 15(2):27 (1998) downloaded on 5/28/04.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number

10/081,129

Filing Date

February 21, 2002

First Named Inventor

Graham, Jamey

Art Unit

2179

Examiner Name

Tran, M. T.

Attorney Docket Number

015358-006600US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-6,760,541	07-06-2004	Ohba	
	AB	US-6,636,869	10-21-2003	Reber et al.	
	AC	US-6,608,563	08-19-2003	Weston et al.	
	AD	US-6,061,758	05-09-2000	Reber et al.	
	AE	US-5,745,756	04-28-1998	Henley	
	AF	US-5,382,776	01-17-1995	Arii et al.	
	AG	US-5,250,787	10-15-1993	Arii et al.	
	AH	US-4,481,412	11-06-1984	Fields	
	AI	US-2004/0247298	12-09-2004	Ohba	
	AJ	US-2004/0100506	05-27-2004	Shiota et al.	
	AK	US-2004/0064339	04-01-2004	Shiota et al.	
	AL	US-2004/0064338	04-01-2004	Shiota et al.	
	AM	US-2004/0037540	02-26-2004	Frohlich et al.	
	AN	US-2004/0015524	01-22-2004	Chalstrom et al.	
	AO	US-2004/0008209	01-15-2004	Adams et al.	
	AP	US-2004/0006577	01-08-2004	Rix	
	AQ	US-2003/0156589	08-21-2003	Suetsugu	
	AR	US-2003/0065665	04-03-2003	Kinjo	
	AS	US-2003/0052897	03-20-2003	Lin	
	AT	US-2002/0116575	08-22-2002	Toyomura et al.	
	AU	US-2002/0099452	07-25-2002	Kawai	
	AV	US-2002/0070982	06-13-2002	Hill et al.	
	AW	US-2002/0036800	03-28-2002	Nozaki	

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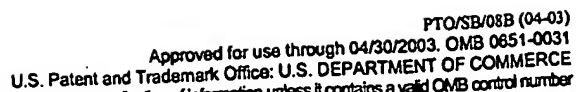
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Page 2 of 2

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Art Unit	2179
Examiner Name	Tran, M. T.
Attorney Docket Number	015358-006600US

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	11/17/05
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EXAMINER'S SIGNATURE [Signature] **Considered** ☒ **Not Considered** ☐

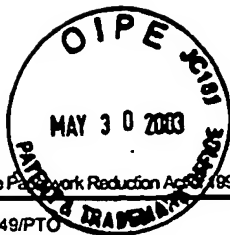
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	AF	DRUCKER et al., "SmartSkip: Consumer level browsing and skipping of digital video content," <u>Letters Chi</u> , 4(1):219-226 (2002).	
	AG	SODERGARD et al., "Integrated multimedia publishing - combining TV and newspaper content on personal channels," downloaded from http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html on 4/4/02, pages 1-22.	

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Sheet	1	of	1	Attorney Docket Number	015358-006600US

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	A	"c:\...0149920c.wpd - unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages, (April 30, 2002)	
	B	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-12, Virginia Polytechnic Institute and State University (1998).	
	C	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-11, Virginia Polytechnic Institute and State University (1998).	
	D	BOGURAEV et al. "Salience-based Content Characterization of Text Documents," In Proceedings of Workshop on Intelligent Scalable Text Summarization at the ACL/EACL Conference, Madrid, Spain, 12 pages (July 7-12, 1997)	
	E	TAGHVA et al., "Evaluation of an automatic markup system," Proceedings SPIE Vol. 2422, , Document Recognition II, pp. 317-327 (3/1995)	
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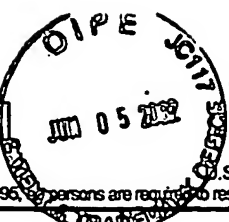
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Sheet 1 of 5

Complete if Known

Application Number	10/081,129
Filing Date	February 21, 2002
First Name of Inventor	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>[Signature]</i>	1.	Adobe Premiere (video editing software) from Http://www.adobe.com (2002).	
<i>[Signature]</i>	2.	BOBICK et al. "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. on Pattern Analysis and Machine Intelligence, pp. 1325-1337 (1997).	
<i>[Signature]</i>	3.	BORECZKY, J. et al. "An Interactive Comic Book Presentation for Exploring Video," Conference on Human factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.	
<i>[Signature]</i>	4.	BOYKIN et al. "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99 (1999).	
<i>[Signature]</i>	5.	BOYKIN et al. "Machine learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41(2000).	
<i>[Signature]</i>	6.	BROWN et al. "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA (1995).	
<i>[Signature]</i>	7.	CAJ et al. "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," WWW8 Conference, 1999.	
<i>[Signature]</i>	8.	CHEN et al. "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88 (1998).	
<i>[Signature]</i>	9.	CHEN et al. "VIBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems September 20-22, 1999, Boston 3848:148-184 (1999).	
<i>[Signature]</i>	10.	CHIU et al. "NoteLook: Taking Notes In Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, (1999).	
<i>[Signature]</i>	11.	CHIU et al. "Automatically linking multimedia meeting documents by image matching," Proceedings of Hypertext '00, ACM, New York, pp. 244-245 (2000).	
<i>[Signature]</i>	12.	CHRISTEL et al. "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems (Los Angeles, CA, April 1998), pp. 171 -178 (1998).	
<i>[Signature]</i>	13.	CHRISTEL et al. "Information Visualization within a Digital Video Library," Journal of Intelligent Information Systems 11:35-257 (1998).	
<i>[Signature]</i>	14.	DELLAERT et al. "Recognizing emotion in speech," Proceedings ICSLP 98. Fourth International Conference on Spoken Language Processing New York (Cat. No. 96TH8206). IEEE. Vol:1970-1973 (1998).	
<i>[Signature]</i>	15.	DIMITROVA et al. "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120 (1997).	

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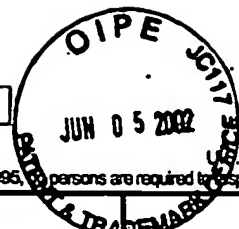
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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5

Complete if Known

Applicati n Number	10/081,129
Filing Dat	February 21, 2002
First Named Invent r	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>[Signature]</i>	16.	DOERMANN et al. "Applying Algebraic and differential invariants for logo recognition," Machine Vision and Applications 9:73-86 (1996).	
<i>[Signature]</i>	17.	DONATO et al. "Classifying Facial Actions", IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989 (1999).	
<i>[Signature]</i>	18.	ESSA et al. "Coding Analysis Interpretation and Recognition of Facial Expressions, IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763 (1997).	
<i>[Signature]</i>	19.	Face recognition techniques described at web site http://www.visionics.com (2002).	
<i>[Signature]</i>	20.	FOOTE, Jonathan, et al. "An Intelligent Media Browser using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK (1998).	
<i>[Signature]</i>	21.	FURUI et al. "Japanese Broadcast News Transcription and Information Extraction," Communications of the ACM, 43(2):71-73, Feb 2000.	
<i>[Signature]</i>	22.	GAUVAIN et al. "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70 (2000).	
<i>[Signature]</i>	23.	GIBBON "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, David C. Gibbon; CRC Press, (1998).	
<i>[Signature]</i>	24.	GORDON "Using annotated video as an information retrieval interface," ACM Proceedings of the 5th international Conference on Intelligent User Interfaces New Orleans pp. 133 - 140 (2000)	
<i>[Signature]</i>	25.	HAUPTMANN et al. "Text, speech and vision for video segmentation: the informedia project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.	
<i>[Signature]</i>	26.	HAUPTMANN et al. "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA, April 22-23 1998.	
<i>[Signature]</i>	27.	HE et al. "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human factors in Computing Systems (CHI 2000), April 1-6, 2000.	
<i>[Signature]</i>	28.	HECHT "Embedded data glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352 (1984).	

Examiner Signature	<i>[Signature]</i>	Date Considered	11/17/05
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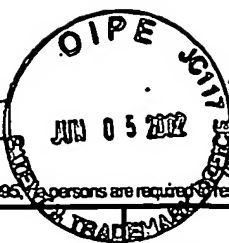
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Sheet 3 of 5

Complete if Known

Application Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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	29.	HECHT "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	
	30.	HU et al. "Multimedia Description Framework (MDF) for content descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99) August 11-14, 1999.	
	31.	IOFFE et al. "Finding people by sampling," Proc. International Conference on Computer Vision, pp. 1092-1097 (1999).	
	32.	JIN et al. "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar 3, 1999, Herndon, VA.	
	33.	KOMLODI et al. "Key Frame Preview Techniques for Video Browsing," (Proceedings of the 3rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125 (1998).	
	34.	LI et al. "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing - Special Issue on Image and Video Processing for Digital Libraries, 9:147-156 (2000).	
	35.	LI et al. "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.	
	36.	LI et al. "VISION: a digital video library," Proceedings of the 1st ACM International Conference on Digital Libraries, pp. 19-27, 1998.	
	37.	LIANG et al. "Practical video indexing and retrieval system SPIE 3240:294-303, (1988).	
	38.	LIENHART et al. "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. on Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.	
	39.	MA et al. "An Indexing and Browsing System For Home Video," Invited paper, EUSIPCO '2000, 10th European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.	
	40.	MAYBURY "News on Demand," Communications of the ACM, 43:33-34 (2000).	
	41.	MAYBURY et al. "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper (1997).	
	42.	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems pp. 447-449 (1997).	
	43.	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, December 8-10, 1997.	
	44.	MERIALDO et al. "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando November 1999.	
	45.	MERLINO et al. "Broadcast News Navigation using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation (1997).	

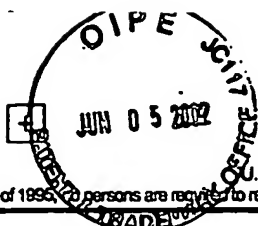
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Sheet 4

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Complete if Known

Applicati n Number	10/081,129
Filing Date	February 21, 2002
First Named Invent r	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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46.	MERLINO et al. "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April 1999.
47.	MOHAN "Text-based search of TV news stories," Proc. SPIE 2916:2-13 (1998).
48.	MYERS et al. "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, June 24-28, 2001, Roanoke, VA, pp. 108-115.
49.	OH et al. "Efficient and Cost-effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426
50.	PHOTINA et al. "Improving acoustic models with captioned multimedia speech," Proceedings IEEE International Conference on Multimedia Computing and Systems, 2:767-71 (1999).
51.	ROWLEY et al. "Neural network-based face detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, 20:23-38 (1998).
52.	SHAHARARAY et al. "Automated Authoring of Hypermedia Documents of Video Programs," ACM Multimedia 95, November 5-9, 1995, San Francisco, CA (1995).
53.	SHAHARARAY et al. "Automatic generation of pictorial transcripts of video programs," Proceedings of the SPIE- Int. Soc. Opt. Eng. 2417:512-518 (1995).
54.	SHAHARARAY et al. "Pictorial transcripts: multimedia processing applied to digital library creation," 1997 IEEE First Workshop on Multimedia Signal Processing pp. 581-586 (1997).
55.	SMITH et al. "Video Skimming and Characterization through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.
56.	SONMEZ et al. "Multiple speaker tracking and detection: handset normalization and duration scoring," Digital Signal Processing 10:133-143 (2000).
57.	SUDA et al. "Logo and word matching using a general approach to signal registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, pp. 61-65.
58.	TENNENHOUSE et al. "A software-oriented approach to the design of media processing environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, pp. 435-444 (1994).
59.	TONOMURA et al. "VideoMAP and VideoSpacecon : tools for anatomizing video content," Proc. INTERCHI '93 ACM pp 131-136 (1993).
60.	UCHIHASHI et al. "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing (Phoenix, AZ) 8:3041-3044 (1999).
61.	UCHIHASHI et al. "Video Manga: Generating Semantically Meaningful Video Summaries," ACM Multimedia 99, Orlando, Florida, October 30-November 5, 1999.
62.	Video content management and publishing software from Virage http://www.virage.com (2002).

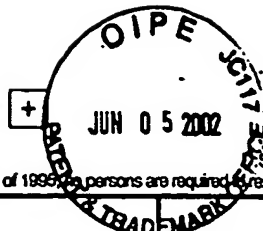
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5

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Applicati n Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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63.	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ (1997).
64.	WACTLAR et al. "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47 (2000).
65.	WACTLER et al. "Intelligent access to digital video: Informedia project," Computer 29:48-52 (1986).
66.	WEISS et al. "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25 (1995).
67.	WITTENBURG et al. "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy 2:913-918 (1999).
68.	ZHANG et al. "Detection of text Captions in Compressed domain Video," International Multimedia Conference Proceedings of the 2000 ACM workshops on Multimedia 2000 , Los Angeles, California, United States pp. 201 - 204.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Graham, Jamey
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006800US

U.S. PATENT DOCUMENTS					
Examiner	Cite No.	Document Number Number Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passage or Relevant Figures Appear
<i>WJL</i>	AA	US-6,369,811	04-09-2002	Graham et al.	
<i>WJL</i>	AB	US-6,182,090	01-30-2001	Peairs	
<i>WJL</i>	AC	US-6,101,503	08-08-2000	Cooper et al.	
<i>WJL</i>	AD	US-6,094,648	07-25-2000	Aalbersberg et al.	
<i>WJL</i>	AE	US-6,055,542	04-25-2000	Nielsen et al.	
<i>WJL</i>	AF	US-6,028,601	02-22-2000	Machiraju et al.	
<i>WJL</i>	AG	US-6,026,409	02-15-2000	Blumenthal	
<i>WJL</i>	AH	US-6,021,403	02-01-2000	Horvitz et al.	
<i>WJL</i>	AJ	US-6,006,218	12-21-1999	Breese et al.	
<i>WJL</i>	AJ	US-5,987,454	11-16-1999	Hobbs	
<i>WJL</i>	AK	US-5,950,187	09-07-1999	Tsuda	
<i>WJL</i>	AL	US-5,946,678	08-31-1999	Aalbersberg	
<i>WJL</i>	AM	US-5,943,679	08-24-1999	Niles et al.	
<i>WJL</i>	AN	US-5,933,841	08-03-1999	Schumacher et al.	
<i>WJL</i>	AO	US-5,873,107	02-16-1999	Borovoy et al.	
<i>WJL</i>	AP	US-5,870,770	02-09-1999	Wolfe	
<i>WJL</i>	AQ	US-5,860,074	01-12-1999	Rowe et al.	
<i>WJL</i>	AR	US-5,857,185	01-05-1999	Yamamura	
<i>WJL</i>	AS	US-5,838,317	11-17-1998	Bohnick et al.	
<i>WJL</i>	AT	US-5,832,474	11-03-1998	Logresti et al.	
<i>WJL</i>	AU	US-5,819,301	10-06-1998	Rowe et al.	
<i>WJL</i>	AV	US-5,784,616	07-21-1998	Horvitz	
<i>WJL</i>	AW	US-5,781,785	07-14-1998	Rowe et al.	
<i>WJL</i>	AX	US-5,778,397	07-07-1998	Kupiec et al.	
<i>WJL</i>	AY	US-5,761,655	06-02-1998	Hoffman	
<i>WJL</i>	AZ	US-5,751,283	05-12-1998	Smith	
<i>WJL</i>	BA	US-5,748,805	05-05-1998	Withgott et al.	
<i>WJL</i>	BB	US-5,737,599	04-07-1998	Rowe et al.	
<i>WJL</i>	BC	US-5,721,897	02-24-1998	Rubinstein et al.	
<i>WJL</i>	BD	US-5,694,559	12-02-1997	Hobson et al.	
<i>WJL</i>	BE	US-5,680,636	10-21-1997	Levine et al.	
<i>WJL</i>	BF	US-5,638,543	06-10-1997	Pedersen et al.	
<i>WJL</i>	BG	US-5,596,700	01-21-1997	Darnell et al.	
<i>WJL</i>	BH	US-5,481,666	01-02-1996	Nguyen et al.	
<i>WJL</i>	BI	US-5,479,600	12-26-1995	Wroblewski et al.	
<i>WJL</i>	BJ	US-5,442,795	08-15-1995	Levine et al.	

Examiner Signature	<i>WJL</i>	Date Considered	11/17/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **2** of **4****Complete if Known**

Application Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Graham, James
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

U.S. PATENT DOCUMENTS

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	BK	US-5,418,948	05-23-1995	Turtis	
	BL	US-5,404,295	04-04-1995	Katz et al.	
	BM	US-5,384,703	01-24-1995	Withgott et al.	
	BN	US-5,349,658	09-20-1994	O'Rourke et al.	
	BO	US-5,309,359	05-03-1994	Katz et al.	
	BP	US-5,153,831	10-06-1992	Yamlos	
	BQ	US-4,823,303	04-18-1989	Terasawa	
	BR	US-4,417,239	11-22-1983	Demko et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ³	Kind Code ⁴ (if known)				
	BS	EP	802 492	A1	10-22-1997			<input type="checkbox"/>
	BT	EP	762 297	A2	03-12-1997			<input type="checkbox"/>
	BU	EP	737 927	A2	10-16-1996			<input type="checkbox"/>
	BV	EP	459 174	A2	12-04-1991			<input type="checkbox"/>
	BW	EP	378 848	A2	07-05-1990			<input type="checkbox"/>
	BX	GB	2 290 898	A	01-10-1996			<input type="checkbox"/>
	BY	GB	2 234 609	A	02-06-1991			<input type="checkbox"/>
	BZ	GB	2 156 118	A	10-02-1985			<input type="checkbox"/>
	CA	GB	2 137 788	A	10-10-1984			<input type="checkbox"/>
	CB	JP	8-297677	A	11-12-1996			<input type="checkbox"/> abstr only

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/081,129
		Filing Date	February 21, 2002
		First Named Inventor	Graham, Jamey
		Art Unit	2178
		Examiner Name	Unassigned
		Attorney Docket Number	015358-008600US
Sheet	3	of	4

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	CC	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), (1996).	
	CD	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," 1996, Title Page, Copyright Page, Chap. 2, pp. 30-31.	
	CE	Apple Macintosh system 7 reference manual, pages 30-31 (1991).	
	CF	BALL, THOMAS, and EICK, STEPHEN G., "Software Visualization in the Large," IEEE Computer, Vol. 29, No. 4, April 1996, pp. 33-43, http://www.computer.org/computer/co1996/4033abs.htm .	
	CG	BRANDOW et al., "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing and Management, 31(5):675-685 (1995).	
	CH	BYRD, D., "A Scrollbar-based Visualization for Document Navigation," doc. ID: xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval (1999).	
	CI	"Flexible JAMM Screenshots," downloaded from internet site http://simon.cs.cit.edu/~jammm 5/4/00.	
	CJ	GLIEDMAN, J., "Virtual Office Manager," Computer Shopper, 18(9):290 (1998).	
	CK	GREENBERG, et al., "Sharing fisheye views in relaxed-WYSIWIS groupware applications," Proceedings of Graphics Interface, Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, Pp. 28-38, http://www.cpsc.ucalgary.ca/group/lab/papers/1996/96-Fisheye-GI/fisheye.html .	
	CL	HEARST et al., "TileBars: Visualization of Term Distribution Information in Full Text Information Access," Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Denver, CO., May 1995, Pp. 1-8, http://www.acm.org/sigchi/ch95/Electronic/documents/papers/mah/bdy.htm .	
	CM	HILL et al., "Edit Wear and Read Wear," Computer Graphics and Interactive Media Research Group, pp. 3-9, (May, 1992).	
	CN	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 35:57-60, ISS # 4B, (1992).	
	CO	LAM et al., "Automatic document classification based on probabilistic reasoning: model and performance analysis," IEEE, 3:2719-2723 (1997).	
	CP	LANGLEY, P., "An Analysis of Bayesian Classifiers," Proceedings of 10th National Conference on Artificial Intelligence, pp. 223-228 (1992).	

Examiner Signature		Date Considered	11/17/05
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Substitute for form 1448B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4 of 4

Complete if Known

Application Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Graham, Jamey
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-00600US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CQ	LANGLEY, P., "Induction of Selective Bayesian Classifiers," <u>Proceedings of 10th National Conference on Uncertainty in Artificial Intelligence</u> , pp. 400-406 (1994).	
	CR	MANBER, II, "The Use of Customized Emphasis in Text Visualization," <u>Proceedings of 1997 IEEE Conf. on Information Visualization</u> , pages 132-138, held 8/27-29/97 in London England.	
	CS	SCHWEIGHOFER et al., "The Automatic Generation of Hypermedia Links in Legal Documents," <u>Lecture Notes in Computer Science</u> , vol. 1134, Wagner et al., eds., from 7th Int. Conf., DEXA 96, held 9/96 in Zurich, Switzerland (1996)	
	CT	SUMITA et al., "Document Structure Extraction for Interactive Document Retrieval Systems," <u>Proceedings of SIGDOC 91</u> , pages 301-310, held 10/5-8/1993 in Kitchener, Ontario	
	CU	TAXT, T., "Segmentation of Document Images," <u>IEEE</u> , 11(12):1322-1329 (1989).	

Examiner Signature		Date Considered	11/17/05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/081,129
		Filing Date	February 21, 2002
		First Named Inventor	Graham, Jamey
		Art Unit	2179
		Examiner Name	Tran, M. T.
Sheet 1	of 2	Attorney Docket Number	015358-008600US

U.S. PATENT DOCUMENTS*					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WML	AA	US-6,865,714	03-08-2005	Liu et al.	
WML	AB	US-6,647,535	11-11-2003	Bozdagi et al.	
WML	AC	US-6,518,986	02-11-2003	Mugura	
WML	AD	US-6,421,067	07-16-2002	Kamen et al.	
WML	AE	US-6,160,633	12-12-2000	Mori	
WML	AF	US-6,151,059	11-21-2000	Schein et al.	
WML	AG	US-6,005,562	12-21-1999	Shiga et al.	
WML	AH	US-5,895,476	04-20-1999	Orr et al.	
WML	AI	US-5,898,709	04-27-1999	Imade et al.	
WML	AJ	US-5,898,166	04-27-1999	Fukuda et al.	
WML	AK	US-5,809,318	09-15-1998	Rivetto et al.	
WML	AL	US-5,600,775	02-04-1997	King et al.	
WML	AM	US-5,485,554	01-16-1996	Lowitz et al.	
WML	AN	US-2002/0135808	09-26-2002	Perry	
WML	AO	US-2002/0059342	05-16-2002	Gupta et al.	
WML	AP	US-2001/0013041	08-09-2001	Beck et al.	
WML	AQ	US-2001/0005203	06-28-2001	Wiernik	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/081,129		
		Filing Date	February 21, 2002		
		First Named Inventor	Graham, Jamey		
		Art Unit	2173		
		Examiner Name	John W. Cabeca		
Sheet	2	of	2	Attorney Docket Number	015358-006600US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AR	"About Telus investors glossary," pages 1-7 downloaded from http://about.telus.com/investors/glossary.html on 4/14/05.	
	AS	CHOI et al., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," <u>MIS '98 LNCS 1508</u> , Springer Verlag Berlin Heidelberg, pages 192-198 (1998).	
	AT	"Computer Terms," pages 1-8 downloaded from http://www.park-meadow.org/computer_terms.htm on 4/14/05.	
	AU	"Glossary for computer hardware and micro scope," pages 1-11 downloaded from http://www.mumbaicyber.com/glossary_com_hardware_micro.asp on 4/14/05.	
	AV	"Glossary: What Does It Mean?," pages 1-3 downloaded from http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm on 4/14/05.	
	AW	"IT&T Talk", pages 1-4 downloaded from http://www.iib.qld.gov.au/itcareers/talk.asp on 4/14/05.	
	AX	"Multimedia" pages 1-2 downloaded from http://en.wikipedia.org/wiki/Multimedia on 4/14/05.	
	AY	OHMORI, Y., "A Tool for Programmable Access to Organized Multimedia Data - Enhanced MultiMedia Recorder (EMMR)," <u>Joho Shori Gakkai Kenkyu Hokoku</u> , 98(35[HI-78]):39-44 (1998).	
	AZ	PHILLIPS, R. L., "MediaView: A General Multimedia Digital Publication System," <u>Communications of the ACM</u> , 34(7):75-83 (1991).	
	BA	ROSCHELLE et al., "VideoNoter: A productivity too for video data analysis," <u>Behavior Research Methods, Instruments & Computers</u> , 23(2):219-224 (1991).	
	BB	SAUR et al., "Automated Analysis and Annotation of Basketball Video," <u>SPIE</u> , 3022:176-187 (1997).	

Examiner Signature		Date Considered	11/17/05
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